1	2	3	4	5	6	7
Mineral based	29	59	102	335	5893	2224
Polymer/Chemical	8	5	12	57	21	68
Rural	15	31	54	72	475	468
Engineering & Biotechnology Services	46	98	104	111	1487	751
TOTAL	191	298	323	1308	9398	3968

Target for generation of atomic energy

2476. SHRI THANGA TAMIL SELVAN: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government have attained the capability to indigenously build and operate nuclear reactors;

(b) if so, whether Government have plans to set up such reactors in the country;

(c) if so, the details thereof; and

(d) the target set for the generation of atomic energy during the Tenth Five Year Plan?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) Yes, Sir.

(b) and (c) There are 14 existing reactors with a total capacity of 2770 MWe in operation in the country. Nine nuclear power reactors with total capacity of 4460 MWe are in different stages of construction. The details of reactors under construction are as under:

Scheme/Location	Capacity MWe	Sanctioned cost Rs. in crore	Approved commercial operation	Physical Progress % (Feb 2005)
Tarapur Atomic Power Project Units 3&4	2X540 PHWRs	6525	Unit 4 March 2006 Unit 3 Jan 2007	94.1
Kaiga Atomic Power Project Units 3&4	2X220 PHWRs	3282	Unit 3 March 2007 Unit 4 Sept 2007	61.2
Kundankulam Nuclear Power Project Units 1&2	2X1000 MWe LWRs	13171	Unit 1 Dec 2007 Unit 2 Dec 2008	44.7
Rajasthan Atomic Power Project Units 5&6	2X220 PHWRs	3072	Unit 5 Aug 2007 Unit 6 Feb 2008	51.4
Prototype Fast Breeder Reactor (PFBR)	1X500 (FBR)	3492	Mar 2011	First pour of concrete achieved in October 2004

(d) The target set for nuclear power in the X Plan is 82,495 Million Units. The generation so far (1.4.2002 to 28.2.2005) has been 52,573 MUs.

Fast Breeders Reactors Programme

2477. SHRI S.P.M. SYED KHAN: Will the PRIME MINISTER be pleased to state:

(a) whether Government have any plan to build Fast Breeder Reactors (FBR) in the near future;